Application No.: 10/667,998 17259CON (BOT)

Dolly, J.O., et al., Compositions and Methods For Modulating Neural Sprouting

AMENDMENTS

Amendments to the Claims

- (Currently amended) A method for extending the effective period during which tissue treated with a clostridial <u>neuro</u>toxin is paralyzed comprising:
 - a) contacting said tissue with a composition comprising an-agent IGF-BP4 able to bind to an IGF-1 or an IGF-2; prevent the expression of a neurotrophic polypeptide, and
 - b) contacting said tissue with a clostridial neurotoxin;[[,]]

wherein neural sprouting in said treated tissue is inhibited binding of said IGF-BP4 with said IGF-1 or said IGF-2 prevents said IGF-1 or said IGF-2 from activating a cell surface receptor involved in the initiation of neural sprouting, thereby extending the effective period during which tissue treated with said clostridial neurotoxin is paralyzed.

- (Currently amended) The method of claim 1 wherein step a) occurs at the same time as said tissue is treated with said clostridial <u>neurotoxin</u>.
- (Currently amended) The method of claim 1 wherein step a) occurs prior to treatment of said tissue with said clostridial <u>neurotoxin</u>.
- (Currently amended) The method of claim 1 wherein said clostridial <u>neurotoxin</u> comprises BeNT_a botulinum neurotoxin.
- (Currently amended) The method of claim 1 wherein said_clostridial_botulinum neurotoxin comprises a BoNT/A.
- 6-25) (Canceled)
- 26) (New) The method of claim 1 wherein said IGF-BP4 comprises SEQ ID NO: 1.